

(continued) Appendix B. Repairer PMCS

Table B-17. TM 8-6520-003-24&P, Dental Compressor-Dehydrator, Mdl M5B

ITEM NO	INTERVAL					ITEM TO BE INSPECTED AND PROCEDURE	EQUIPMENT IS NOT READY/AVAILABLE IF:
	B	D	A	Q	S		
1					X	Compressor-dehydrator. a. Verify that components and accessories have been inventoried by operator/user personnel. b. Inspect the unit for damaged or deteriorated electrical or pressurized air components. c. Check the unit for an excessive accumulation of dust or dirt. (Particular attention should be given to the intake silencer and fan guard.) d. Verify the performance of the unit by following the unit operation procedures. e. Verify that the humidity indicator is blue.	Missing components or accessories prevent operation of the unit. Damaged or deteriorated components prevent operation of the unit. Unit overheats or does not operate correctly. Unit performance deviates more than 10 percent of specified parameters. The humidity indicator is other than blue.
2					X	Air storage tank. a. Verify that the tank does not leak by pushing the power switch to the OFF position and observing that the pressure holds at approximately 60 psi for several minutes. b. Ensure that the hose(s) can be properly connected. c. Ensure that the drain valve opens and closes properly.	The tank cannot be properly pressurized or the tank leaks excessively. The hose(s) cannot be connected to the storage tank. The drain valve cannot be opened or it leaks when closed.
3					X	Case. a. Inspect the case for signs of damage or excessive wear. b. Check the air relief valve.	The case cannot be used to properly store or ship the unit. The air relief valve is inoperable, damaged, or missing.
4					X	Pressure gauge. Check for dents, a cracked or broken dial cover, or gauge indications beyond the normal range.	The damaged pressure gauge prevents proper operation of the unit.
5					X	Running/starting capacitors. Inspect for corrosion of the terminals or an indication of a chemical leak from the capacitor(s).	The motor-compressor fails to operate, short cycles, or the circuit breaker of the power switch is activated.
6					X	Safety valve. Test for proper operation.	The valve is defective or inoperable.
7					X	Unloader valve. Test for proper operation.	The valve is defective or inoperable.

(continued) Table B-17. TM 8-6520-003-24&P, Dental Compressor-Dehydrator, Mdl M5B

ITEM NO	INTERVAL					ITEM TO BE INSPECTED AND PROCEDURE	EQUIPMENT IS NOT READY/AVAILABLE IF:
	B	D	A	Q	S		
8					X	<p>Humidity indicator.</p> <p>a. Inspect for dents, a cracked or broken indicator cover, or the lack of any color indication.</p> <p>b. Ensure that the indicator is blue.</p>	<p>The humidity indicator prevents proper operation of the unit.</p> <p>The humidity indicator is other than blue.</p>